## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

## **Reclamation District No. 0307 Lisbon**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start		Rating **	Α	Issue No.		34		
LM End		Issue Type +	Ma	Location * N/A				
Category Earthen Levee				GPS La	atitud	e/Longitude		
Category				Start		End		
Operations & Maintenance					0		0	
item	Manuals				0		0	
DWR ID DWR_RD0307_01_f _ 2014_34								
		Comn	nent Cod	de				
		Inspecto	or Comm	nent				
RD 307 has the O&M Manual on hand.								

No Photos

Rating \*\* Issue No. Α LM Start 35 Issue Type + Ма Location \* N/A LM End Earthen Levee GPS Latitude/Longitude Category Start End Emergency Supplies & Item Equipment DWR\_RD0307\_01\_f \_ 2014\_35 DWR ID Comment Code

No Photos

Inspector Comment

The District according to Mr. Pete Dwyer, is part of the Delta Emergency plan where supplies are kept in a central location that they can gain access to if and when needed.

LM Start		Rating **	М	Issue No.		36		
LM End		Issue Type +	Ма	Location *	ion * N/A			
Category	GPS La	atituc	le/Longitude					
Calegory				Start		End		
Item	Flood Pre	paredness &	Training		0		0	
item					0		0	
DWR ID	DWR_RD0	307_01_f _ 201	4_36					
		Comn	nent Cod	le				
		Inspecto	or Comm	ent				
RD 307 ha	ısn't been t	to any recent	training o	classes.				

No Photos

\* Location LS: Land Side

N/A: Not Applicable

WS: Water Side

A : Acceptable M : Minimally Acceptable

U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En: Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

## **Reclamation District No. 0307 Lisbon**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	0.01	Rating **	С	Issue No.		61	
LM End	0.22	Issue Type +	Ma	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory						End	
Item	Vegetatio	n	38.4799	53°	38.477806°		
пеш				-121.549427 °		-121.546679 °	
DWR ID	DWR_RD0	307_01_f _ 201	7_61				
		Comn	nent Coc	le			
V2 : Remo	ve the wild	d growth other	than na	tive grasse	s fro	m the levee	
slopes.							
	Inspector Comment						

No Photos

LM Start	0.01	Rating **	U	Issue No.		60
LM End	0.23	Issue Type +	Ma	Location *		WS
Category	Earthen Levee			GPS Latitude/Longitude		
Calegory	egory					End
Item	Vegetatio	n		38.4799	12°	38.477725 °
пеш				-121.5492	93°	-121.546511 °
DWR ID DWR_RD0307_01_f _ 2017_60						
		_				

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment



Waterside vegetation should be trimmed to 20 feet from crown to allow inspection.

LM Start	0.09	Rating **	М	Issue No.		55	
LM End	0.09	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End	
Item	Encroachi	ments		38.4790	60°	38.479060 °	
пеш				-121.5484	18°	-121.548418 °	
DWR ID	/R ID DWR_RD0307_01_s _ 2017_55					·	
	Comment Code						

TR: Tree or limb

## Inspector Comment

Remove the cut up fallen tree from the land side levee section.



RD 307 Levee mile 0.09 landside fallen tree on the slope and shoulder.

\*Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

\*\* Rating

A: Acceptable N: Not Inspected/Rated M: Maintenance Deficiancy Ob: Design & System Obsolescence

U: Unacceptable A/W: Acceptable but Monitor & Maintain

\*\* Rating

A: Not Inspected/Rated M: Maintenance Deficiancy Ob: Design & System Obsolescence

En: Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

## **Reclamation District No. 0307 Lisbon**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	0.14	Rating **	М	Issue No.		129	
LM End	0.14	Issue Type +	Ма	Location *	WS		
Category	evee	GPS La	atitud	e/Longitude			
Calegory				Start		End	
Item	Encroachi	ments		38.4785	36°	38.478536°	
пеш				-121.5477	'07 °	-121.547707°	
DWR ID DWR_RD0307_01_f _ 2018_129							
		Comn	nent Cod	de			
DE : Debri	s						
		Inspecto	or Comm	nent			
Remove tr	ash from s	lope.					

LM Start	0.14	Rating **	М	Issue No.	129 (cont)
LM End	0.14	Issue Type +	Ma	Location *	WS



View of sofa thrown on slope. Fall 2018

Photo 2 of 2: FA\_2018\_RD0307\_166\_129\_20181101\_00126.jpg



View of mattress and other debris on slope. Fall 2018

LM Start	0.16	Rating **	М	Issue No.		65		
LM End	0.16	Issue Type +	Ма	Location *		LS		
Category	evee	GPS Latitude/Longitude						
Calegory				Start		End		
Item	Encroachments					38.478322°		
Item				-121.5473	889°	-121.547389°		
DWR ID	DWR ID DWR_RD0307_01_f _ 2017_65							
		Comn	nent Cod	de				
TR : Tree	or limb							
		Inspecto	or Comm	nent				
Large tree	Large tree down on levee slope and toe.							

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

## **Reclamation District No. 0307 Lisbon**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	0.20	Rating **	М	Issue No.		66			
LM End	0.20	Issue Type +	Ma	Location *	WS				
Category	Category Earthen Levee					GPS Latitude/Longitude			
Category				Start		End			
Item	Slope Stability			38.477977°		38.477977°			
item				-121.546914°		-121.546914°			
DWR ID	DWR_RD0	307_01_f _ 201	7_66						
		Comn	nent Coc	le					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.									

Inspector Comment

Foot traffic on waterside slope.



Slope erosion should be repaired and foot traffic stopped.

LM Start	0.23	Rating **	С	Issue No.	67	
LM End	0.45	Issue Type +	Ма	Location *	LS	
Catagony	Category Earthen Levee			GPS Latitude/Longitude		
Category			Start		End	
Item	Vegetatio	n		38.4776	98°	38.475494°
item				-121.54649	91 °	-121.543532°
DWR ID	DWR_RD0	307_01_f _ 201	7_67			·
		_				

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

LM Start	0.35	Rating **	М	Issue No.	59			
LM End	0.35	Issue Type +	Ma	Location *	LS			
Catagony	Category Earthen Levee				GPS Latitude/Longitude			
Category				Start End		End		
Item	Encroach	ments		38.47642	28°	38.476428 °		
пеш				-121.54495	55 °	-121.544955 °		
DWR ID	DWR RD0	307 01 s 201	7 59					

TR : Tree or limb

Inspector Comment

Comment Code

Remove the cut up fallen tree from the landside levee slope and shoulder.

Photo 1 of 1 : FA\_2018\_RD0307\_166\_59\_20180910\_00011.jpg



RD 307 Landside slope looking downstream from loevee mile 0.35.

\* Location
LS: Land Side N/A: Not Applicable
WS: Water Side
CR: Crown

\*\* Rating

A: Acceptable
N: Not Inspected/Rated
M: Minimally Acceptable
U: Unacceptable
U: Unacceptable
A: Acceptable
CR: Crown

\*\* Rating

A: Acceptable
N: Not Inspected/Rated
C: Corrected
C: Corrected
A/W: Acceptable but Monitor & Maintain

\*\* Assue Type

Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

## **Reclamation District No. 0307 Lisbon**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	0.35	Rating **	М	Issue No.		62	
LM End	0.35	Issue Type +	Ма	Location *		WS	
Category Earthen Levee				GPS Latitude/Longitude			
				Start		End	
Item	Encroachi		38.4764	28°	38.476428 °		
пеш			-121.544955 °		-121.544955 °		
DWR ID DWR_RD0307_01_s _ 2017_62							
		Comn	nent Cod	de			
TR : Tree	or limb						
			0				
		Inspecto	or Comm	nent			
Remove the enchroachment from the levee toe waterside.							



RD 307 Levee mile 0.35 water side levee slope fallen cut up tree branches and tree sections placed at levee toe.

LM Start	0.60	Rating **	С	Issue No.		75	
LM End	1.56	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Category	Category					End	
Item	Vegetation			38.4744	49°	38.473102°	
пеш				-121.5411	64°	-121.523850°	
DWR ID	307_01_f _ 201	7_75					
Comment Code							
					-		

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

LM Start	0.60	Rating **	М	Issue No.	76		
LM End	6.56	Issue Type +	Ма	Location *	WS		
Category Earthen Levee				GPS Latitude/Longitude			
Category	Category					End	
Item	Vegetatio	n		38.4744	45 °	38.429784°	
пеш				-121.5411	44 °	-121.533283 °	
DWR ID	ID DWR_RD0307_01_f _ 2017_76						
	Comment Code						

 $\ensuremath{\mathsf{V2}}$  : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

\* Location

LS : Land Side N/A : Not Applicable

WS : Water Side

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated

C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En : Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

## **Reclamation District No. 0307 Lisbon**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	1.01	Rating **	М	Issue No.		113		
LM End	1.01	Issue Type +	Ma	Location *		WS		
Category	Earthen L	evee		GPS Latitude/Longitude				
Calegory						End		
Item	Encroachi	ments		38.472875 °		38.472875	0	
item				-121.533983 °		-121.533983	0	
DWR ID	DWR_RD0	307_01_f _ 201	8_113					
		Comn	nent Cod	de				
DE : Debri	S							
		Inspecto	or Comm	nent				
Tree debri	s needs to	be removed.						

No Photos

LM Start	1.14	Rating **	М	Issue No.	44		
LM End	1.23	Issue Type +	Ма	Location *	WS		
Category			GPS Latitude/Longitude				
Calegory	Category					End	
Item		CE Erosion S	Survey,	38.47316	61 °	38.473103°	
пеш	DRAFT			-121.53147	74 °	-121.529831 °	
DWR ID	DWR_RD0307_01_f _ 2018_44						
	Comment Code						

### Inspector Comment

2017 Site ID: SAC 48.6 R

Status: Eroding

2017 Field Notes: Site lengthened upstream and shortened

downstream.

Site History: 2012 - Bank is slowly eroding, old rock protection starting

to unravel. 2016 - Anthropogenic erosion observed.

LM Start	1.14	Rating **	М	Issue No.	44 (cont)
LM End	1.23	Issue Type +	Ma	Location *	WS

### Photo 1 of 2 : FA\_2018\_RD0307\_166\_44\_20181101\_00124.jpg



View of erosion on slope. Fall 2018

### Photo 2 of 2: FA\_2018\_RD0307\_166\_44\_20181105\_00127.jpg



USACE 2013 Photo #1

\* Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

\*\* Rating

A: Acceptable N: Not Inspected/Rated M: Maintenance Deficiancy Ob: Design & System Obsolescence C: Corrected A/W: Acceptable but Monitor & Maintain

\*\* Rating

A: Acceptable N: Not Inspected/Rated M: Maintenance Deficiancy Ob: Design & System Obsolescence En: Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

## **Reclamation District No. 0307 Lisbon**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	1.29	Rating **	U	Issue No.		9	
LM End	1.29	Issue Type +	Ма	Location *	WS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory	Category			Start		End	
Item	Encroachments			38.4728	27°	38.472827 °	
пеш				-121.52878	85 °	-121.528785 °	
DWR ID	DWR_RD0	307_01_f _ 201	4_9				
Comment Code							
TR : Tree	or limb						

Inspector Comment

Remove downed trees from waterside slope.



This tree needs to be removed from the waterside slope. Fall 2018

LM Start	1.31	Rating **	M	Issue No.		64
LM End	1.31	Issue Type +	Ma	Location *		WS
Category Earthen Levee			GPS Latitude/Longitude			
Calegory	Category			Start		End
Item	Encroach	ments		38.4728	55°	38.472855 °
пеш			-121.5284	35°	-121.528435°	
DWR ID	DWR_RD0	307_01_s _ 201	6_64			·

Comment Code

Inspector Comment

TR: Tree or limb

Remove the dead tree limbs from the waterside slope.

No Photos

LM Start	1.35	Rating **	М	Issue No.		10
LM End	1.35	Issue Type +	Ма	Location *		WS
Category Earthen Levee			GPS Latitude/Longitude			
Calegory	ategory			Start		End
Item	Encroach	ments		38.4728	80°	38.472880 °
item				-121.5277	33°	-121.527733 °
DWR ID	DWR RD0	307 01 f 201	4 10			

Comment Code

TR: Tree or limb

#### Inspector Comment

The RD will schedule to have these trees cut up and removed from the waterside levee section as soon as possible. Trees still present during inspection.

## Photo 1 of 1 : FA\_2018\_RD0307\_166\_10\_20180910\_00002.jpg



Remove unwanted trees from waterside slope. These trees are dead and are resting on the slope. No change 4-17.

\* Location

LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

\*\* Rating

A : Acceptable N : Not Inspected/Rated M: Maintenance Deficiancy

M : Minimally Acceptable CR : Corrected Ob: Design & System Obsolescence

U : Unacceptable A/W : Acceptable but Monitor & Maintain

\*\* Rating

A : Not Inspected/Rated M: Maintenance Deficiancy

Ob: Design & System Obsolescence

En : Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

## **Reclamation District No. 0307 Lisbon**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	1.39	Rating **	М	Issue No.		83	
LM End	1.39	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Encroachi	ments		38.4729	918°	38.472918°	
пеш				-121.5269	-121.526956°		
DWR ID DWR_RD0307_01_f _ 2017_83							
		Comn	nent Cod	de			
DE : Debri	S						
		Inspecto	or Comm	nent			
		•		ICIIL			
Remove trash from waterside slope.							

No Photos

Issue No. Rating \*\* U 1.68 LM Start 69 1.87 Issue Type + Ма Location \* LS LM End Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.473241° 38.473191 ° Item -121.521560 ° -121.518120° DWR\_RD0307\_01\_f \_ 2017\_69 DWR ID Comment Code

No Photos

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

LM Start	1.71	Rating **	M	Issue No.	85			
LM End	1.71	Issue Type +	Ma	Location *	WS			
Category Earthen Levee				GPS Latitude/Longitude				
Category	Category			Start		End		
Item	Trim / Thin Trees			38.473252°		38.473252°		
item				-121.5210	79°	-121.521079°		
DWR ID	DWR_RD0	307_01_f _ 201	7_85					
	Comment Code							
T1: Trim t	T1 : Trim trees to at least five feet above ground level.							

Inspector Comment

No Photos

D-41--- \*\*

\* Location LS: Land Side WS: Water Side

N/A: Not Applicable

A : Acceptable M : Minimally Acceptable U : Unacceptable

Innun NI

N : Not Inspected/Rated C : Corrected

+ Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

## **Reclamation District No. 0307 Lisbon**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	1.80	Rating **	М	Issue No.		45	
LM End	1.80	Issue Type +	Ma	Location *		WS	
Catagory	Category Earthen Levee					e/Longitude	
Category				Start		End	
Item	Encroachments			38.4732	55 °	38.473255	0
пеш	item			-121.5194	38°	-121.519438	0
DWR ID	DWR_RD0	307_01_f _ 201	8_45				
		Comn	nent Cod	de			
DE : Debri	S						
		Inspecto	or Comm	nent			
Mattresses left on levee shoulder.							

No Photos

LM Start	1.82	Rating **	U	Issue No.		87	
LM End	1.82	Issue Type +	Ma	Location *	LS		
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory			Start			End	
Item	Trim / Thi	n Trees		38.47323	6°	38.473236	0
пеш				-121.51899	8°	-121.518998	0
DWR ID DWR_RD0307_01_f _ 2017_87							
	Comment Code						

T1: Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

LM Start	1.86	Rating **	U	Issue No.		73	
LM End	1.86	Issue Type +	Ма	Location *		LS	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory	ategory			Start		End	
Item	Encroach	ments		38.4731	82°	38.473182°	
item				-121.5182	80°	-121.518280°	
DWR ID	DWR_RD0	307_01_s _ 201	6_73				

Comment Code

TR: Tree or limb

#### Inspector Comment

Remove the cut up oak tree from both Is/ws slops the levee section. No change 4-17.

Photo 1 of 3: FA\_2018\_RD0307\_166\_73\_20180910\_00016.jpg



Looking downstream from levee mile 1.86 cut up fallen tree on shoulder.

\* Location + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence LS: Land Side N/A: Not Applicable A : Acceptable M : Minimally Acceptable N: Not Inspected/Rated WS: Water Side C : Corrected A/W : Acceptable but Monitor & Maintain U : Unacceptable En: Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

## **Reclamation District No. 0307 Lisbon**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	1.86	Rating **	U	Issue No.		73 (cont)	
LM End	1.86	Issue Type +	Ma	Location *	n* LS		
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Encroachi	ments		38.4731	82 °	38.473182°	
item				-121.5182	80°	-121.518280°	
DWR ID	DWR ID DWR_RD0307_01_s _ 2016_73						
	Comment Code						

TR: Tree or limb

#### Inspector Comment

Remove the cut up oak tree from both ls/ws slops the levee section. No change 4-17.

LM Start	1.86	Rating **	U	Issue No.	73 (cont)
LM End	1.86	Issue Type +	Ma	Location *	LS



Looking downstream toward levee mile 1.87 fallen tree on shoulder.

Photo 3 of 3: FA\_2018\_RD0307\_166\_73\_20180910\_00018.jpg



Waterside shoulder levee mile 1.86 more of the cut up oak.

LM Start	1.87	Rating **	М	Issue No.		127
LM End	1.87	Issue Type +	Ma	Location * WS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Category			Start		End	
ltem Encroachments			38.4732	11 °	38.473211 °	
item				-121.5181	69°	-121.518169°
DWR ID	DWR_RD0	307_01_s _ 201	8_127			
		Comn	nent Cod	de		
TR : Tree	or limb					
		Inspecto	or Comm	nent		

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

## **Reclamation District No. 0307 Lisbon**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	1.94	Rating **	С	Issue No.	90		
LM End	1.99	Issue Type +	Ма	Location *	LS		
Earthen Levee			GPS La	atitud	le/Longitude		
Category				Start		End	
Vegetation Item			38.4730	45°	38.472964°		
пеш				-121.516802 °		-121.515915°	
DWR ID	DWR_RD0	307_01_f _ 201	7_90				
		Comn	nent Cod	de			
V2 : Remo	V2 : Remove the wild growth other than native grasses from the levee slopes.						
Inspector Comment							

No Photos

Rating \*\* Issue No. 2.22 М LM Start 91 2.22 Issue Type + Ма Location \* LS LM End Earthen Levee GPS Latitude/Longitude Category Start End Encroachments 38.472154° 38.472154° Item -121.511763° -121.511763° DWR\_RD0307\_01\_f \_ 2017\_91 DWR ID Comment Code

No Photos

TR : Tree or limb

Inspector Comment

Rating \*\* Issue No. 105 LM Start 2.28 Location \* 2.28 Issue Type + Ma WS LM End GPS Latitude/Longitude Earthen Levee Category Start End Encroachments 38.471895° 38.471895° Item -121.510717° -121.510717° DWR ID DWR\_RD0307\_01\_f \_ 2018\_105 Comment Code DE: Debris Inspector Comment

No Photos

\* Location

LS: Land Side

WS: Water Side

Remove mattress from slope.

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type
Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence

Ob : Design & System Obs En : Enforcement

N/A: Not Applicable

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

## **Reclamation District No. 0307 Lisbon**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	2.38	Rating **	С	Issue No.		89	
LM End	2.43	Issue Type +	Ма	Location *	WS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Slope Stability			38.4713	878°	38.471005 °		
пеш				-121.5090	67°	° -121.508273 °	
DWR ID DWR_RD0307_01_s _ 2017_89							
		Comn	nent Cod	de			
S1 : Repai	r slope ins	tability.					
		Inspecto	or Comm	nent			
Riprap pla	ced on slo	pe.					

No Photos

Rating \*\* Issue No. 2.47 Μ 88 LM Start 2.47 Issue Type + Ма Location \* WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.470725° 38.470725 Item -121.507687° -121.507687° DWR\_RD0307\_01\_f \_ 2018\_88 DWR ID **Comment Code** 

No Photos

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove arundo growth.

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

## Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	2.47	Rating **	М	Issue No.	49	
LM End	2.53	Issue Type +	Ма	Location *		
Category Supplemental			GPS Latitude/Longitude			
				Start		End
Itom	2017 Stor	2017 Storm Damage			33°	38.470052°
пеш	Item			-121.50765	8°	-121.506902°
DWR ID	DWR_RD0	7_49				
Comment Code						

#### Inspector Comment

Levee Evaluation Comments

Description:Slope protection repairs are needed along the waterside slope due to erosion and riprap displacement from high water. Based upon levee inspections, it was determined the waterside levee slope is eroding, deteriorating, and degrading. The eroded levee sections need to be restored back to design standards to prevent further deterioration and damage.

Site ID No:500

Site Designation:LMA-406 Repair Type: Erosion Rating:Area of Concern Field Date:8/15/2017

Notes:

LM Start	2.47	Rating **	М	Issue No.	49 (cont)
LM End	2.53	Issue Type +	Ма	Location *	` ,



Photo 2 of 3: LEVAL\_FA\_2018\_500\_4168.jpg



## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

## Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	2.47	Rating **	М	Issue No.	49 (cont)		
LM End	2.53	Issue Type +	Ма	Location *			
Category Supplemental			GPS Latitude/Longitude				
			Start		End		
ltom	2017 Stor	2017 Storm Damage			3°	38.470052°	
пеш	Item			-121.50765	8°	-121.506902°	
DWR ID	DWR_RD0307_01_f _ 2017_49						
Comment Code							

#### Inspector Comment

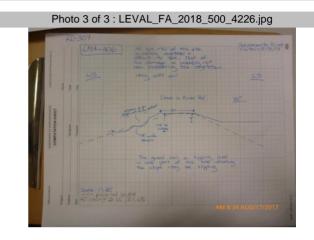
Levee Evaluation Comments

Description:Slope protection repairs are needed along the waterside slope due to erosion and riprap displacement from high water. Based upon levee inspections, it was determined the waterside levee slope is eroding, deteriorating, and degrading. The eroded levee sections need to be restored back to design standards to prevent further deterioration and damage.

Site ID No:500

Site Designation:LMA-406 Repair Type: Erosion Rating:Area of Concern Field Date:8/15/2017

Notes:



LM Start	2.72	Rating **	М	Issue No.		99		
LM End	2.81	Issue Type +	Ма	Location *	LS			
Category	Earthen L	evee		GPS La	titud	e/Longitude		
Calegory				Start		End		
Item	Vegetatio	Vegetation			8°	38.466204	0	
item				-121.50572	:3°	-121.505542	0	
DWR ID	DWR_RD0	307_01_f _ 201	7_99					
0								

Comment Code

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

A: Acceptable Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence A/W : Acceptable but Monitor & Maintain En: Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

## **Reclamation District No. 0307 Lisbon**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	2.93	Rating **	М	Issue No.		101	
LM End	2.99	Issue Type +	Ma	Location * LS		LS	
Category Earthen Levee			GPS Latitude/Longitude				
			Start		End		
ltom	Vegetation			38.4644	29°	38.463570	0
пеш	Item				33°	-121.505223	0
DWR ID DWR_RD0307_01_f _ 2017_101							
Comment Code							

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Landowner does not want vegetaton cut.

No Photos

No Photos

LM Start	3.00	Rating **	M	Issue No.		122
LM End	3.00	Issue Type +	Ma	Location *	WS	
Category	evee	GPS Latitude/Longitude				
Calegory				Start		End
Item	Trim / Thi	Trim / Thin Trees			54°	38.463454°
пеш				-121.5051	83°	-121.505183 °
DWR ID	DWR_RD0	307_01_s _ 201	8_122			

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

LM Start	3.00	Rating **	M	Issue No.		50		
LM End	3.04	Issue Type +	Ma	Location *		LS		
Category Earthen Levee				GPS Latitude/Longitude				
				Start		End		
Trim / Thin Trees			38.4634	05°	38.462828	0		
item	Item				85 °	-121.505128	0	
DWR ID DWR_RD0307_01_f _ 2018_50								
Comment Code								

T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Trim and thin trees.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

## **Reclamation District No. 0307 Lisbon**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	3.25	Rating **	М	Issue No.	102		
LM End	3.25	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Trim / Thin Trees			38.4598	73°	38.459873°	
пеш				-121.5045	10°	-121.504510°	
DWR ID	DWR_RD0	307_01_f _ 201	7_102				
		Comn	nent Cod	de			
T1: Trim t	rees to at	least five feet	above g	round level.			
	Inspector Comment						

No Photos

LM Start	3.66	Rating **	М	Issue No.		86
LM End	3.66	Issue Type +	Ma	Location *	WS	
Category Earthen Levee			GPS Latitude/Longitude			
Calegory	ory			Start		End
Item	Encroach	ments		38.4540	52°	38.454052°
item				-121.5029	05°	-121.502905°
DWR ID	DWR ID DWR_RD0307_01_f _ 2018_86					
	Comment Code					

DE: Debris

Inspector Comment

Tree debris on slope.

No Photos

LM Start	3.86	Rating **	М	Issue No.		24	
LM End	3.86	Issue Type +	Ma	Location *		WS	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory			Start		End		
Item	Encroach	ments		38.45112	23°	38.451123	0
пеш				-121.5026	22 °	-121.502622	0
DWR ID DWR_RD0307_01_f _ 2014_24							

Comment Code
TR : Tree or limb

Inspector Comment

Remove the cut tree limbs from the waterside shoulder.



View of tree limbs on levee slope. Fall 2018

\* Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

\*\* Rating
A: Acceptable N: Not Inspected/Rated M: Ma: Maintenance Deficiancy
C: Corrected Ob: Design & System Obsolescence
U: Unacceptable A/W: Acceptable but Monitor & Maintain

\*\* Rating
A: Acceptable M: N: Not Inspected/Rated M: Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

## **Reclamation District No. 0307 Lisbon**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	3.92	Rating **	М	Issue No.	110	
LM End	3.92	Issue Type +	Ма	Location *	LS	
Category Earthen Levee			GPS Latitude/Longitude			
Calegory			Start			End
Item	Vegetation			38.4502	55 °	38.450255 °
item				-121.5026	41 °	-121.502641 °
DWR ID	DWR ID DWR_RD0307_01_f _ 2017_110					
Comment Code						
V2 : Remo	ve the wild	d growth other	than na	tive grasses	s fro	m the levee

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

LM Start	3.96	Rating **	М	Issue No.		111
LM End	3.96	Issue Type +	Ma	Location *		LS
Category Earthen Levee				GPS Latitude/Longitude		
Calegory			Start		End	
Item	Animal Co	ontrol	38.4496	38°	38.449688 °	
пеш					46 °	-121.502646°
DWR ID	DWR_RD0	307_01_f _ 201	7_111			

#### Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

#### Inspector Comment

Photo 1 of 1 : FA\_2018\_RD0307\_166\_111\_20181101\_00117.jpg



View of rodent holes on landside slope. Fall 2018

LM Start	3.98	Rating **	М	Issue No.		128	
LM End	3.98	Issue Type +	Ma	Location *	LS		
Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Erosion /	Bank Caving		38.4494	04°	38.449404	0
пеш				-121.5026	63 °	-121.502663	0
DWR ID	DWR_RD0	307_01_s _ 201	8_128				

#### Comment Code

E1: Note and monitor erosion site.

## Inspector Comment

Repair rills on landside slope. Additionally repair rodent holes along this stretch.

## Photo 1 of 3 : FA\_2018\_RD0307\_166\_128\_20181101\_00118.jpg



View of erosion on slope. Fall 2018

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

## **Reclamation District No. 0307 Lisbon**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	3.98	Rating **	М	Issue No.		128 (cont)	
LM End	3.98	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Erosion / I		38.4494	04°	38.449404°		
пеш				-121.502663 °		° -121.502663 °	
DWR ID	DWR ID DWR_RD0307_01_s _ 2018_128						
		Comn	nent Cod	de			
E1 : Note a	and monito	or erosion site					
		Inspecto	or Comn	nent			
Repair rills on landside slope. Additionally repair rodent holes along this stretch.							

LM Start	3.98	Rating **	М	Issue No.	128 (cont)
LM End	3 98	Issue Type +	Ma	Location *	LS

# Photo 2 of 3 : FA\_2018\_RD0307\_166\_128\_20180910\_00034.jpg



Erosion rodent hole landside looking east. Spring 2018

Photo 3 of 3: FA\_2018\_RD0307\_166\_128\_20180910\_00035.jpg



Erosion rodent hole landside looking south. Spring 2018

LM Start	4.07	Rating **	М	Issue No.		112	
LM End	4.10	Issue Type +	Ма	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Vegetatio	n		38.4481	83°	38.447647	0
Item				-121.5026	93°	-121.502707	0
DWR ID	DWR_RD0	307_01_f _ 201	7_112				
		Comn	nent Cod	de			
V2 : Remo	ove the wild	d growth other	than na	tive grasse	s fro	m the levee	
	Inspector Comment						

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

## **Reclamation District No. 0307 Lisbon**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

	4.00	Dating **	A /\A/	Issue No.		70
LM Start	4.08	Rating **	A/W	issue ivo.		78
LM End	4.08	Issue Type +	Ma	Location *		WS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Category				Start		End
Item	Vegetation			38.4480	38°	38.448038 °
пеш				-121.502638 °		-121.502638°
DWR ID	DWR_RD0	307_01_f _ 201	8_78			
		Comn	nent Cod	de		
V2 : Remo slopes.	ve the wild	growth other	than na	tive grasse	s fro	m the levee
	Inspector Comment					
Monitor arundo on levee slope.						

Photo 1 of 1: FA\_2018\_RD0307\_166\_78\_20181101\_00121.jpg

View of arundo on levee slope. Fall 2018

LM Start	4.10	Rating **	М	Issue No.		97	
LM End	4.12	Issue Type +	Ma	Location *	LS		
Catagonia Earthen Levee			GPS Latitude/Longitude				
Calegory	Category					End	
Item	Trim / Thi	n Trees		38.4476	83°	38.447376°	
пеш			-121.5027	20°	-121.502719°		
DWR ID	DWR ID DWR_RD0307_01_s _ 2018_97						
Comment Code							

T2 : Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

		D-4: **		Innun NI		110
LM Start	4.11	Rating **	U	Issue No.		119
LM End	4.11	Issue Type +	Ма	Location *		WS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Category			Start		End	
Item	Encroachments			38.4475	38°	38.447538 °
itom				-121.502659°		-121.502659°
DWR ID	DWR_RD0	307_01_s _ 201	8_119			
		Comn	nent Cod	de		
TR : Tree	or limb					
Inspector Comment						
Downed tree on waterside slope.						

Photo 1 of 1: FA\_2018\_RD0307\_166\_119\_20180910\_00032.jpg

Downed tree waterside looking south.

\* Location
LS: Land Side N/A: Not Applicable
WS: Water Side
CR: Crown

\*\* Rating

A: Acceptable
N: Not Inspected/Rated
M: Minimally Acceptable
U: Unacceptable
U: Unacceptable
A: Acceptable
CR: Crown

\*\* Rating

A: Acceptable
N: Not Inspected/Rated
C: Corrected
C: Corrected
A/W: Acceptable but Monitor & Maintain

\*\* Assue Type

Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

## **Reclamation District No. 0307 Lisbon**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	4.43	Rating **	М	Issue No.		56
LM End	4.43	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Calegory				Start		End
Item	Trim / Thin Trees			38.4430	03°	38.443003 °
item			-121.503453 °		-121.503453 °	
DWR ID	DWR_RD0	307_01_f _ 201	8_56			
		Comn	nent Coc	le		
T1: Trim t	rees to at	east five feet	above g	round level.		
Inspector Comment						

No Photos

LM Start	4.58	Rating **	М	Issue No.	80	
LM End	4.58	Issue Type +	Ma	Location *	WS	
Category	evee	GPS Latitude/Longitude				
Calegory			Start		End	
ltom	Encroach	ments		38.4409	75 °	38.440975°
item	Item				45 °	-121.504545 °
DWR ID DWR_RD0307_01_s _ 2016_80						·
Comment Code						

No Photos

TR: Tree or limb

Inspector Comment

Remove the tree limbs from the waterside shoulder.

	LM Start	4.81	Rating **	M	Issue No.		57		
	LM End	4.81	Issue Type +	Ma	Location *		LS		
	Cotogon Earthen Levee				GPS Latitude/Longitude				
	Category			Start		End			
	Trim / Thin Trees			38.438420°		38.438420	0		
	item				-121.5072	87°	-121.507287	0	
DWR ID DWR_RD0307_01_f _ 2018_57									
	Comment Code								
	T1 : Trim t	rees to at I	east five feet	above a	round level.				

Inspector Comment

Trees need to be trimmed.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR · Crown	U · Unaccentable	A/W · Acceptable but Monitor & Maintain	En : Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

## **Reclamation District No. 0307 Lisbon**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	4.88	Rating **	M	Issue No.		104	
LM End	4.88	Issue Type +	Ма	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Encroachi	ments		38.4378	871°	38.437871 °	
item		-121.5083	856°	-121.508356 °			
DWR ID	DWR ID DWR_RD0307_01_s _ 2018_104						
		Comn	nent Cod	de			
TR : Tree o	or limb						
		Inspecto	or Comm	nent			
Downed tre	ee on land	side slope.					
·							



Encroachment downed tree on landside looking south

LM Start	5.37	Rating **	U	Issue No.	123		
LM End	5.45	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Vegetatio	n		38.4356	65°	38.435634°	
пеш	em				68°	-121.518275°	
DWR ID DWR_RD0307_01_f _ 2017_123						·	
		Cama	ant Car	ام			

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

LM Start	5.58	Rating **	М	Issue No.		68
LM End	5.58	Issue Type +	Ma	Location *		LS
Category Earthen Levee				GPS La	atitud	e/Longitude
Category				Start	End	
Item	Trim / Thi	n Trees		38.4356	53°	38.435653
item				-121.5206	12°	-121.520612
DWR ID	DWR_RD0	307_01_f _ 201	8_68			
Comment Code						

T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Trees need to be trimmed and thinned.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

## Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	5.62	Rating **	М	Issue No.	124			
LM End	5.73	Issue Type +	Ma	Location *	LS			
Category Earthen Levee				GPS Latitude/Longitude				
Category				Start	End			
Item	Vegetatio	n		38.43576	64°	38.435925 °		
пеш				-121.52142	26°	-121.523343 °		
DWR ID	DWR ID DWR_RD0307_01_f _ 2017_124							
	Comment Code							
1/2 . Dama	مانيد مطه ميد	d arouth other	than no	tive areces		m the levee		

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Rating \*\* Issue No. М 126 LM Start 5.95 Issue Type + Location \* LS LM End 6.12 Ma Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.436136° 38.435305 Item -121.527518° -121.530422° DWR\_RD0307\_01\_f \_ 2017\_126 DWR ID

Comment Code V2 : Remove the wild growth other than native grasses from the levee

slopes

Inspector Comment

Rating \*\* Issue No. LM Start 6.02 77 6.02 Issue Type + Ma Location \* WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 38.435928° 38.435928° Item -121.528767° -121.528767° DWR ID DWR\_RD0307\_01\_f \_ 2018\_77

Comment Code

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

No Photos

No Photos

\* Location

LS: Land Side

WS: Water Side

N/A: Not Applicable

A : Acceptable M : Minimally Acceptable

U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En: Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

## **Reclamation District No. 0307 Lisbon**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	6.12	Rating **	M	Issue No.		74	
LM End	6.16	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Trim / Thin Trees			38.4353	° 80	38.435003 °	
пеш				-121.530342 °		-121.530950 °	
DWR ID	DWR_RD0	307_01_f _ 201	8_74				
		Comn	nent Coc	de			
T3 : Trim a flood fight.	T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.						
	Inspector Comment						

No Photos

Issue No. 6.15 Rating \*\* С 114 LM Start 6.15 Issue Type + Ма Location \* LS LM End Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.435118° 38.435118° Item -121.530795 ° -121.530795° DWR\_RD0307\_01\_s \_ 2018\_114 DWR ID Comment Code

No Photos

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En: Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

## Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	6.19	Rating **	М	Issue No.	43		
LM End	6.38	Issue Type +	Ма	Location *		WS	
Supplemental				GPS Latitude/Longitude			
Category				Start		End	
ltom	2017 USACE Erosion Survey,			38.434560°		38.432287 °	
пеш	ltem DRAFT					-121.532978 °	
DWR ID DWR_RD0307_01_f _ 2018_43							
Comment Code							

#### Inspector Comment

2017 Site ID: SAC 43.2 R

Status: Eroding

2017 Field Notes: New erosion pockets and new toe erosion.
Site History: 2008 - Large rotational failure in bank and well into the levee slope. Could be a significant problem in the next high flow event.
2009 - Minimal new erosion, site extended upstream. 2010 - Minor new erosion. 2011 - Tree popout has left a large hole. Large slump area.
Rock on the bank is failing in some locations. 2012 - The toe appears to be scouring out. 2016 - Some rock placed in the last year



USACE 2013 Photo #1

LM Start	6.42	Rating **	С	Issue No.	42			
LM End	6.55	Issue Type +	Ma	Location *	WS			
Category				GPS Latitude/Longitude				
Calegory			Start		End			
2017 USACE Erosion Survey,			38.43172	26°	38.429957°			
item			-121.53320	00°	-121.533035°			
DWR ID DWR_RD0307_01_f _ 2018_42								
Comment Code								

Inspector Comment

2017 Site ID: SAC 43.1 R

Status: Eroding

2017 Field Notes: Fresh erosion observed along toe and slope.

Site History: 2011 - Erosion pockets likely from tree popouts. This site has been in the inventory before and been fixed with emergency bank rock but continues to fail.

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

## **Reclamation District No. 0307 Lisbon**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	6.42	Rating **	A/W	Issue No.		107	
LM End	6.55	Issue Type +	Ma	Location *		WS	
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory					End		
Erosion / Bank Caving			38.431792 °		38.429923°		
пеш			-121.533353 °		-121.533235°		
DWR ID DWR_RD0307_01_s _ 2018_107							
Comment Code							

#### Inspector Comment

This is to identify corrections to the USACE 2015 Erosion survey. The LMA repaired erosion sites in 2017.

LM Start	6.42	Rating **	A/W	Issue No.	107 (cont)
LM End	6.55	Issue Type +	Ma	Location *	WS



RD307 Lisbon Unit 1 Issue 107 LM6.42-6.55 Erosion repaired picture taken from LB looking west.

Photo 2 of 2: FA\_2018\_RD0307\_166\_107\_20180910\_00029.jpg



RD307 Lisbon Unit 1 Issue 107 LM6.42-6.55 Erosion repaired picture taken from LB looking west.

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

## **Reclamation District No. 0307 Lisbon**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	6.54	Rating **	A/W	Issue No.		161
LM End	6.54	Issue Type +	Ма	Location *		
Category	Supplemental			GPS Latitude/Longitude		
Calegory			Start		End	
Item	DWR UCIP LMA Responsibility			38.43004	13°	38.430043 °
пеш				-121.53327	'5 °	-121.533275 °
DWR ID	21731					

Inspector Comment

Comment Code

FS\_ID:17406 DS\_ID:21731 EP\_NO: N/A

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD\_STRUCT\_DESC: 2 of 2: 36-inch steel drainage pipe through the levee, 16 feet below the crown. Flap gate on the waterside (WS) end. Gate valve and air vent on the landside (LS). Pump and trash rack 200 feet off the LS toe. [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 43.08)]. FS Date: 8/7/2013

 LM Start
 6.54
 Rating \*\*
 A/W
 Issue No.
 161 (cont)

 LM End
 6.54
 Issue Type +
 Ma
 Location \*



Pipes visible on LS toe.

Photo 2 of 3: UCIP\_FA\_2018\_17406\_29509.jpg



Pump and trash rack 200-feet off LS toe.

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

## **Reclamation District No. 0307 Lisbon**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	6.54	Rating **	A/W	Issue No.		161 (cont)
LM End	6.54	Issue Type +	Ма	Location *		
Category	Supplemental			GPS Latitude/Longitude		
Calegory			Start		End	
Item	DWR UCI	P LMA Respo	onsibility	38.43004	ı3°	38.430043 °
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FS Date: 8/7/2013



Intake at concrete headwall under pump.